

A3, filter is derived by dividing, in the frequency domain, a short duration wavelet by the time derivative of the ground force signal.--

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**REMARKS**

No new matter has been added. Claims 1 - 33 are pending in the application.

Claims 1 - 33 have been allowed except for formal matters.

The Examiner has objected to insufficient identification of prior art. Figure 1, as amended, disclosing prior art methods of acquiring, recording and processing of seismic data generated by a vibratory source has been labeled as prior art. Appropriate correction has been made to the specifications.

The Examiner has objected to the lack of disclosure of a recording structure. The specifications have been amended to identify the apparatus for detecting and recording of the vibratory signals as being that used in prior art. This identification of the recording structure is believed to address the Examiner's objection.

The Examiner has objected to the Abstract as being too long. The Abstract has been amended in a manner that is believed to overcome the Examiner's objection.

The Commissioner is hereby authorized to charge any fee due for these

amendments to **Deposit Account No. 02--0429 (594-14949)** A duplicate copy of this letter is enclosed.

Dated: 8 March, 1989

Respectfully submitted,



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